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Approved for use through 10/31/2002. OMB 0651-0002  
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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 219.40223X00

First Inventor Rajesh R. SHAH

Title See 1 in Addendum

Express Mail Label No.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 39]  
(Preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 4]
  - a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - b. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Credit Card Payment Form...

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Section 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

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or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Hung H. Bui

Registration No. (Attorney/Agent)

40,415

Signature

Hung H. Bui

Date

August 31, 2001

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## Addendum

1. A MECHANISM FOR REPORTING TOPOLOGY CHANGES TO CLIENTS IN A CLUSTER

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## Complete if Known

Application Number NEW APPLICATION  
Filing Date August 31, 2001  
First Named Inventor Rajesh R. SHAH  
Examiner Name Not yet assigned  
Group / Art Unit Not yet assigned  
Attorney Docket No. 219.40223X00

TOTAL AMOUNT OF PAYMENT (\$) 804

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 01-2135

Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.77

2. ☒ Payment Enclosed:

☐ Check ☒ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

| 1. BASIC FILING FEE |             |                     |             |                        |          |
|---------------------|-------------|---------------------|-------------|------------------------|----------|
| Large Fee Code (\$) | Entity (\$) | Small Fee Code (\$) | Entity (\$) | Fee Description        | Fee Paid |
| 101                 | 710         | 201                 | 355         | Utility filing fee     | 710      |
| 106                 | 320         | 206                 | 160         | Design filing fee      |          |
| 107                 | 490         | 207                 | 245         | Plant filing fee       |          |
| 108                 | 710         | 208                 | 355         | Reissue filing fee     |          |
| 114                 | 150         | 214                 | 75          | Provisional filing fee |          |
| SUBTOTAL (1)        |             |                     |             |                        | (\$ 710) |

| 2. EXTRA CLAIM FEES |        |       |        |                 |          |
|---------------------|--------|-------|--------|-----------------|----------|
| Total Claims        | Entity | Small | Entity | Fee Description | Fee Paid |
| 23                  | -20    | =     | 3      | Extra Claims    | 18       |
| Independent Claims  | 3      | -3    | =      | 0               | 80       |
| Multiple Dependent  |        |       |        |                 | 0        |

| Large Fee Code (\$) | Entity (\$) | Small Fee Code (\$) | Entity (\$) | Fee Description  | Fee Paid |
|---------------------|-------------|---------------------|-------------|--|----------|
| 102                 | 18          | 203                 | 9           | Claims in excess of 20                                     |          |
| 103                 | 80          | 202                 | 40          | Independent claims in excess of 3                          |          |
| 104                 | 270         | 204                 | 135         | Multiple dependent claim, if not paid                      |          |
| 109                 | 80          | 209                 | 40          | ** Reissue independent claims over original patent         |          |
| 110                 | 18          | 210                 | 9           | ** Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2)        |             |                     |             |  | (\$ 54)  |

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

| 3. ADDITIONAL FEES  |             |                     |             | Fee Description  | Fee Paid |
|---|-------------|---------------------|-------------|--|----------|
| Large Fee Code (\$)                                       | Entity (\$) | Small Fee Code (\$) | Entity (\$) |  |          |
| 127   | 50          | 227                 | 25          | Surcharge - late filing fee or oath  |          |
| 139   | 130         | 139                 | 130         | Surcharge - late provisional filing fee or cover sheet                     |          |
| 147   | 2,520       | 147                 | 2,520       | Non-English specification  |          |
| 112   | 920*        | 112                 | 920*        | For filing a request for reexamination                                     |          |
| 113   | 1,840*      | 113                 | 1,840*      | Requesting publication of SIR prior to Examiner action                     |          |
| 115   | 110         | 215                 | 85          | Requesting publication of SIR after Examiner action                        |          |
| 116   | 390         | 216                 | 195         | Extension for reply within first month                                     |          |
| 117   | 890         | 217                 | 445         | Extension for reply within second month                                    |          |
| 118   | 1,390       | 218                 | 695         | Extension for reply within third month                                     |          |
| 128   | 1,890       | 228                 | 945         | Extension for reply within fourth month                                    |          |
| 119   | 310         | 219                 | 155         | Extension for reply within fifth month                                     |          |
| 120   | 310         | 220                 | 155         | Notice of Appeal   |          |
| 121   | 270         | 221                 | 135         | Filing a brief in support of an appeal                                     |          |
| 138   | 1,510       | 138                 | 1,510       | Request for oral hearing   |          |
| 140   | 110         | 240                 | 55          | Petition to institute a public use proceeding                              |          |
| 141   | 1,240       | 241                 | 620         | Petition to revive - unavoidable   |          |
| 142   | 1,240       | 242                 | 620         | Petition to revive - unintentional   |          |
| 143   | 440         | 243                 | 220         | Utility issue fee (or reissue)   |          |
| 144   | 600         | 244                 | 300         | Design issue fee   |          |
| 122   | 130         | 122                 | 130         | Plant issue fee  |          |
| 123   | 130         | 123                 | 130         | Petitions to the Commissioner  |          |
| 126   | 180         | 126                 | 180         | Petitions related to provisional applications                              |          |
| 581   | 40          | 581                 | 40          | Submission of Information Disclosure Stmt                                  |          |
| 146   | 710         | 246                 | 355         | Recording each patent assignment per property (times number of properties) | 40       |
| 149   | 710         | 249                 | 355         | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179   | 710         | 279                 | 355         | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 169   | 900         | 169                 | 900         | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| Request for Continued Examination (RCE)                   |             |                     |             |  |          |
| Request for expedited examination of a design application |             |                     |             |  |          |
| Other fee (specify) _____                                 |             |                     |             |  |          |
| SUBTOTAL (3)  |             |                     |             |  | (\$ 40)  |

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type) Hung H. Bui Registration No. Attorney/Agent 40,415 Telephone 703-312-6600

Signature *Hung H. Bui* Date August 31, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2058.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rajesh R. SHAH et al.  
Serial No.: Not yet assigned  
Filing Date: August 31, 2001  
For: A MECHANISM FOR REPORTING TOPOLOGY CHANGES  
TO CLIENTS IN A CLUSTER  
Art Unit: Not yet assigned

LETTER SUBMITTING FORMAL DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231

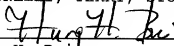
August 31, 2001

Sir:

Attached herewith are seven (7) sheets of Formal Drawings illustrating Figs. 1-9B, submitted in the above-identified application.

No fee is incurred, however, the Commissioner is hereby authorized to charge any underpayment or to credit any overpayment to Deposit Account No. 01-2135 of Antonelli, Terry, Stout & Kraus, LLP (referencing Case No. 219.40223X00).

Respectfully submitted,  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

  
Hung H. Bui  
Registration No. 40,415

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